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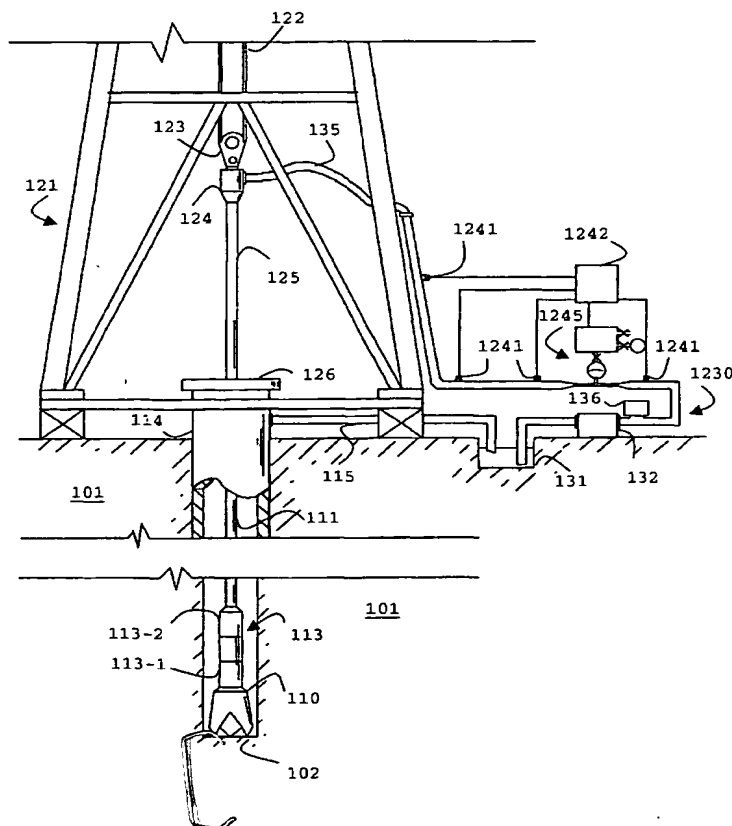
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(54) Title: NOISE ATTENUATION APPARATUS FOR BOREHOLE TELEMETRY



(57) Abstract: A surface mud pipeline system is described with a mechanical acoustic filter (1245) tuned to a predetermined frequency band so as to attenuate pump noise (132) within this band. The filter can be combined with a Venturi constriction to provide enhanced attenuation and is used to improve signal transmission of a mud pulse telemetry system (113-2).

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